

LISTING OF THE CLAIMS:

A complete listing of the claims is provided below. This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently Amended) A reusable sealable plastic drum comprising:

a plastic drum body with a convex upper chine having a convex radius and with a side wall having a generally horizontal drum flange extending therefrom and disposed below said chine, the drum flange having a substantially planar upper surface;

a plastic lid comprising:

a panel;

an annular, peripheral mating channel sized to accept said upper chine, said channel comprising:

an inner wall extending generally upward from said panel;

an outer wall having an upper portion thereof extending above said panel

and a lower portion thereof extending below said panel;

an annular, upwardly protruding lip disposed between said inner wall and said outer wall, said lip being in general alignment with said side wall;

a mouth for receiving said upper chine, and

a base surface for engaging said upper chine, said base surface having a concave radius, which is matched to said convex chine radius;

a cover flange connected to said lower portion of said outer wall and extending radially and outwardly therefrom, wherein said cover flange is disposed below said panel,

the cover flange having a lower surface to mate with said upper surface of said drum flange; and

a lockband engaging said drum flange and said cover flange, ~~whereby tightening of said lockband after said lid is fitted to said drum causes wherein tightening said lockband upon said drum flange and said cover flange, downwardly draws said plastic lid, and radially inwardly compresses said outer wall, to cause said concave base surface to be pressed against said convex upper chine with sufficient pressure to cause~~ said concave base surface to directly engage said convex chine in a sealing relationship.

2. (Previously Presented) The reusable sealable plastic drum of Claim 1, additionally comprising:

a heel disposed between said lower surface of said cover flange and said outer wall; and an auxiliary gasket compressable between said heel and said drum flange when said lockband is tightened.

3. (Original) The reusable sealable plastic drum of Claim 1, wherein said drum body and said lid are made from polypropylene.

4. (Original) The reusable sealable plastic drum of Claim 1, wherein said upper chine has a top width of about 0.190 inch.

5. (New) The reusable sealable plastic drum of Claim 1, wherein said lockband includes metal components.

6. (New) The reusable sealable plastic drum of Claim 1, wherein said lockband includes plastic components.

7. (New) A reusable sealable plastic drum comprising:
a plastic drum body with a convex upper chine having a convex radius and with a side wall having a generally horizontal drum flange extending therefrom and disposed below said chine, the drum flange having a substantially planar upper surface;

a plastic lid comprising:

a panel;

an annular, peripheral mating channel sized to accept said upper chine, said channel comprising:

an inner wall extending generally upward from said panel;

an outer wall having an upper portion thereof extending above said panel

and a lower portion thereof extending below said panel;

an annular, upwardly protruding lip disposed between said inner wall and said outer wall, said lip being in general alignment with said side wall;

a mouth for receiving said upper chine, and

a base surface for engaging said upper chine, said base surface having a concave radius, which is matched to said convex chine radius;

a cover flange connected to said lower portion of said outer wall and extending radially and outwardly therefrom, wherein said cover flange is disposed below said panel, the cover flange having a lower surface to mate with said upper surface of said drum flange;

a lockband engaging said drum flange and said cover flange, whereby tightening of said lockband after said lid is fitted to said drum causes said concave base surface to directly engage said convex chine in a sealing relationship;

a heel disposed between said lower surface of said cover flange and said outer wall; and
an auxiliary gasket compressable between said heel and said drum flange when said lockband is tightened.

8. (New) The reusable sealable plastic drum of Claim 7, wherein said drum body and said lid are made from polypropylene.

9. (New) The reusable sealable plastic drum of Claim 7, wherein said upper chine has a top width of about 0.190 inch.

10. (New) The reusable sealable plastic drum of Claim 7, wherein said lockband includes metal components.

11. (New) The reusable sealable plastic drum of Claim 7, wherein said lockband includes plastic components.